BELINKIN, A.A.; BUKANOV, V.A.; ZOTIKOV; S.L.; KATULIII, V.A.; SHVACHKINA,
A.F.

Substitution of plastic materials for metals. Med. prom. 15 no.1:
54-55 Ja '61.

Leningradskiy ordena Lenina mediko-instrumental'nyy zavod
"Krasnogvardeyets."

(DRUG INDUSTRY)

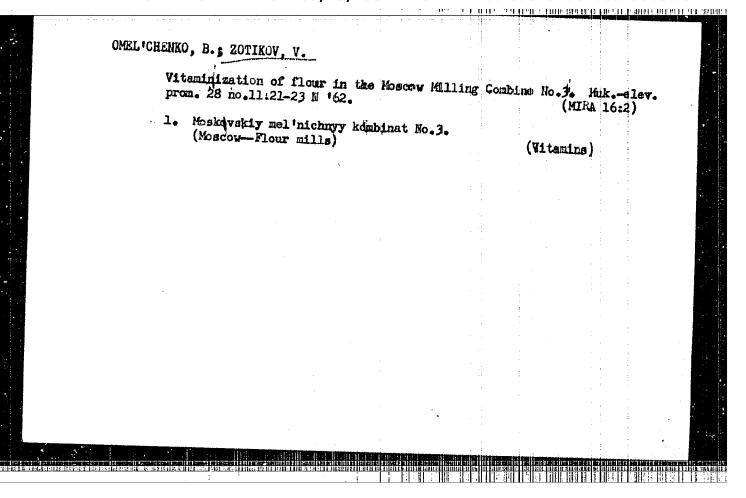
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BASHNIH, L.N.; BELINKIH, A.A.; EUKAROV, V.A.; KAULIN, V.A.; ZOTIKOV, S.L.

Hew technology in the manufacture of tubular form components by means of high-frequency heating. Med.prom. 14 no.3:50-52 Kr *60. (MIRA 13:6)

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ROMANYUK, P., ZOTIKOV, V.

At the Moscow Flour Mill No.3. Muk.-elev. prom. 29 no.5:15-16
My '63. (NIRA 16:7)

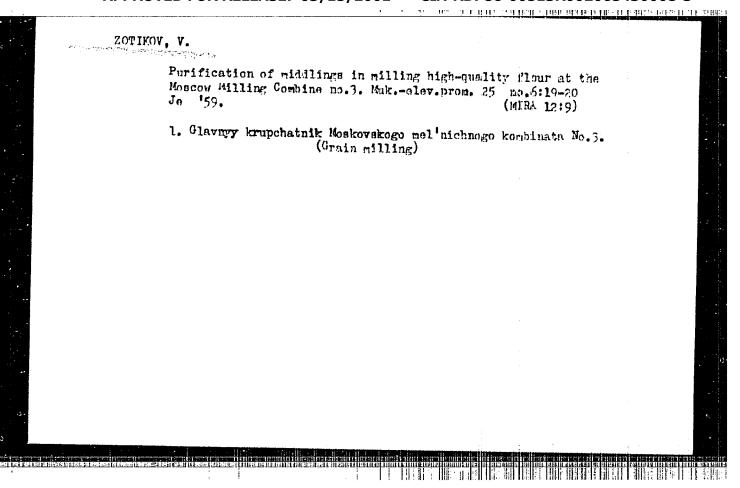
1. Direktor Moskovskogo mel'nichnogo kombinata No.3 (for Romanyuk).
2. Glavnyy tekhnolog Moskovskogo mel'nichnogo kombinata No.3 (for Zotikov). (Moscow—Flour mills)

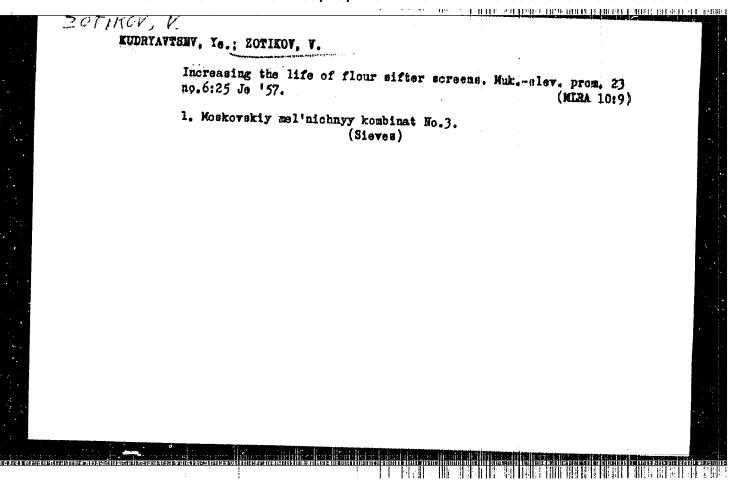
ZOTIKOV, V.; MASLOV, N.; MIREYN, S., krupchatnik; KOFMAN, S.

Corn milling; practices of the Moscow Milling Combine No.3, Mary Flour Mill, and local flour mills. Muk.-elev. prom. 30 no.31 ll-15 Mr '64. (MIRA 17:4)

1. Glavnyy tekhnolog Moskowskogo mel'nichnogo kumbinata No.3 (for Zotikov). 2. Nachal'nik eksperimental'noy mel'nitsy Moskowskogo mel'nichnogo kombinata No.3 (for Manlov).

3. Maryyskaya mel'nitsa (for Mireyn). 4. Proyeitno-konstruktorskaya kontora Upravleniya pishchevoy promyshlennosti Chernomorskogo soveta narodnogo khozyaystva (for Kofman).





OMEL'CHENKO, B.; ZOTIKOV, V.

Vitaminization of flour in the Moscow Milling Combine No.3. Mak.—elev.
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1. Moskovskiy mel'nichnyy kambinat No.3. (Vitamins)

ZOTIKOV, V. YE. ED.

ZCYIKOV, V

Osnovy Prysdeniya ... (Uchednik) ... (Fundamentals of Spinning).

Part 1, by V. I Budnikov, V. Ye. Zotikov and others

Moskva, Gizlegprom, 1944.

2 v.

Lib. has:

Pasic text from elementary spinning to the fundamentals of the operation of spinning machines.

<u>ं एक वेच मानः कन सेची 'विमानमा श्रेनेश्विक कि की असित (नामे की विश्व अधि</u>

ZOTIKOV, V.Ye.; prof., doktor_tekhn.nsuk; BUDNIKOV, I.V.; TRYKOV, F.P.;
GINZBURG, L.N., retsenzent; KARPOV; L.I., retsenzent; OHLOVA,
Z.M., retsenzent; TALEFOROVSKAYA, V.V., retsenzent; PINKEL SHYEYN,
I.I., retsenzent; KOPKLEVICH, Ye.I., red.; SHAPEHEOVA, T.A., tekhn.red.

[Fundamentals of the spinning of fabrics] Osmovy priedeniia voloknistykh materialov. Pod red. V.E.Zotikova. Moskva. Gos.mauchno-tekhn.izd-volit-ry po legkoi promyshl., 1959. 506 p. (MIRA 12:11)

1. Kafedra pryadeniya khlopka Ivanovskogo tekhnologicheskogo instituta (IvTI) (for Karpov, Orlova, Taleporovskaya, Finkel'shteyn).

(Spinning)

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Physics - Study and Teaching

Preparation of teaching material for the 6th and 7th grades. Fl.z.v shkole no. 4, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

<u>ं रहता । एक एक मानार स्वताराहर, जाता एक छन्त्र मान्य स्वतार किया है है है है ।</u>

ZOTIKOV, V.Ye., prof.; FROLOVA, T.A., dotsent

Selecting the length of viscose staple fibers for their

processing in a blend with cotton. Tekst. prom. 23 no.12: 22-28 D '63. (MIRA 17:1)

1. Moskovskiy tekstil'nyy institut (MTI).

ZOTIKOV, V.Ye.; KUKIN, G.N.; USENKO, V.A.

Scientific research in the special departments of the Faculty of Technology of the Moscow Tentile Institute. Ksv.vys.ucheb.sav.; tekh.tekst.prom. no.2;138-141 *60. (MIRA 13;11)

(Mowcow--Textile research)

BALYASOV, Pavel Dmitriyevich; KONYUKOV, Pavel Mikhaylovich; SNELOVA, Nina Alekseyevna; EFROS, Boris Yefimovich; ZOTIEOV, V.Ye., prof., retsenzent; BARABANOV, L.G., retsenzent; KOPELEVICH, Ye.I., red.; VINOGRADOVA, G.A., tekhn. red.

[Laboratory manual on cotton spinning]Laboratornyi praktikum po priadeniiu khlopka. Izd.2., perer. i dop. Moskva, Izd.vo nauchno-tekhn.lit-ry RSFSR "Rostekhizdat," 1962. 491 p. (MIRA 15:9)

(Cotton spinning) (Cotton machinery)

र १९७५ । असर वाचा भाषार अस्य मानास्त्र, यह र महाग्रहीर सारवाह स्वाहर वह स्वताह ।

BALYASOV, P.D.; BUDNIKOV, V.I., prof.; VANCHIKOV, A.N.; VLADIMIROV, B.M.; KISELEV, A.K.; KONYUKOV, P.M.; RAKOV, A.P.; prof.; SMELOVA, N.A.; EFROS, B.Ye.; ZOTIKOV, 7.Ye., retsensent; BELITSIN, N.M., retsenzent; KOSTIM, E.V., retsenzent; TERYUSHNOV, A.V., prof., red.; SOKOLOVA, V.Ye., red.; BATYREVA, G.G., tekhn, red.

[Cotton spinning] Priadenie khlopka. [By] P.D.Ballasov 1 dr. Moskva, Rostekhizdat. Pt.1. 1962. 433 p. (MIRA 16:9)

(Cotton spinning)

and the control of the transfer to the control of the field of the control of

SIZOVA, A.I., aspirantka; ZOTIKOV, V.Ye., prof., doktor tekhin, nauk, rukovoditel' raboty, zasluzhennyy deyatel' nauki i tekhiniki

Characteristics of cetter blends with synthetic fibers and of yarns produced from these blends. Tekst. prom. 25 no.3:23-28 Mr 165. (MIRA 18:5)

1. Kafedra mekhanicheskoy tekhnologii voloknistyku materialov Moskovskogo tekstil nogo instituta (for Sizova).

ZOTIKOV, V.Ye.

Summer work with students of physics. Fig. v shkele 13 no.3:33-38 ky-Je
(53. (MLRA 6:6)

1. Moskva, 324ya srednyaya shkola. (Physics-Study and teaching)

Reviewing in physics classes. Fig. v shkele 15 no.2:32-36 Mr-Ap '56. (MLRA 9:6)

1.324-ya swednyaya shkola. (Physics--Study and teaching)

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ZOTIDV. V.Yo. (Mcckva)

Review in physics classes. Fiz.v shkole 16 me.3:30-35 Ky-Je 156.

(HIRA 9:7)

1.324-ya srednyaya shkela.
(Physics--Study and teaching)

Zotikov V. Ye.
USSR/General Problems - Problems of Teaching

N-3

Abst Journal: Referat Zhur - Fizika, No 12, 1986, 33605

Author: Zotikov, V. Ye.

Institution: None

Title : Assignment of Material in Physics Lessons

Original

Periodical: Fizika v Shkole, 1956, No 3, 30- [no further entries in original]

Abstract : None

Card 1/1

ZOTIKOV, V. YE.: YEFROS, B. YZ.

Technology

Evening meeting of engineers with students and teachers of the institute. Tekst. prom. 12 No. 7 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1958, Unclassified.

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- 1. YEVROPIN, G. P., ZOTIKOV, V. YE.
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ZOTIKOV, V.Ye., prof., doktor tekhn.nauk

Use of the tex system for the thickness characteristics of fibers, yarn and intermittent products of spinning. Tekst.prom. 25 no.21 91-93 F 165. (MIRA 18:4

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ZOTIKOV, V. E.

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Strict observance of the principle of fly frames. Tekst. prom., no. 2, 1952.

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Evening meeting of engineers with students and teachers of the institute. { Tekst. prom. 12 No. 7 1952.

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N.V., red.; KOVALENKO, V.L., tekhm. red.

[At the sources of electrical engineering; life and work of
Academician V.V.Petrov, the first Russian electrical
engineer] U istokov elektrotekhniki; zhizn' i deiatel'nost'
pervogo russkogo elektrotekhnika akademika V.V.Petrova. Moskva, Uchpedgiz, 1963. 145 p. (MIRA 16:6)

(Petrov, Vasilii Vladimirovich, 1761-1834)

(Electric englueering)

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as the continue outline the search of actions and the

BALYASOV, P.D.; BUDNIKOV, V.I., prof.; VANCHIKOV, A.N.; VLANKHIHOV, B.M.; KISELEV, A.K.; KONYUKOV, F.M.; RAKOV, A.P.; SMELOVA, N.A.; EFROS, B.Ye.; ZOTIKOV, V.Ye., retsenzent; EBLITSIN, N.M., retsenzent; KOSTIN, B.V., retsenzent; TERYUSHNOV, A.V., prof., red.; SOKOLOVA, V.Ye., red.; BATYREVA, G.G., tekhn. red.

[Cotton spinning] Priadenie khlopka. [By] P.D. Baliasow i dr. Pod red. V.I. Budnikova, A.P. Rakova, A.V. (Teriushnova. Moskva, Rostekhizdat. Pt.2. 1963. 395 p. (MIRA 16:6) (Cotton spinning)

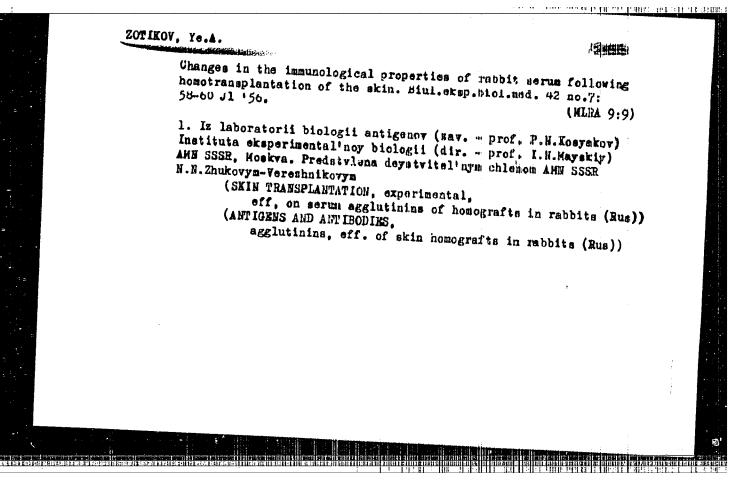
्रा प्राप्त के सम्बद्ध के अपनी सम्बद्ध का सामान का समाम क्षेत्र के समाम का का

ZOTIKOV, Vladimir Ievgen'yevich, doktor tekhn, nauk, prof.; HUDNIKOV, Ivan Vasil'yevich; TYKOV, Petr Pawlovich; GORDEYRY, Vasiliy Aleksandrovich; DALIDOVICH, Aleksandr Semenovich; CHUGREYEVA, V.N., red.; BATYREVA, G.G., tekhn, red.

[Equipment and technology for the processing of fibrous materials] Mekhanicheskaia tekhnologiia voloknistykh materialov. Moskva, Gislegprom, 1963. 638 p. (MIRA 16:9) (Textile industry) (Textile machinery)

"Immunological Incompatibility of Tissues of Hombgrafts," by
N. N. Zhukov-Verezhnikov, M. M. Kapichnikov, P. M. Chepov, and
Ye A. Zotikov, Division of Immunology (head, Prof. N. ZhukovVerezhnikov, Active Member, Academy of Medical Sciences USSR),
Institute of Experimental Biology, Academy of Medical Sciences
USSR (director, Prof I. N. Mayskiy), Eksperimental naya Khirurgiya, No 6, Nov/Dec 56, pp 55,62

The authors discuss the factors and the mechanism involved in the inmunological incompatibility of tissues in homografts and possible means of
preventing this type of tissue incompatibility. The authors! conclusions
are based on a review of Soviet and Western literature. (U)



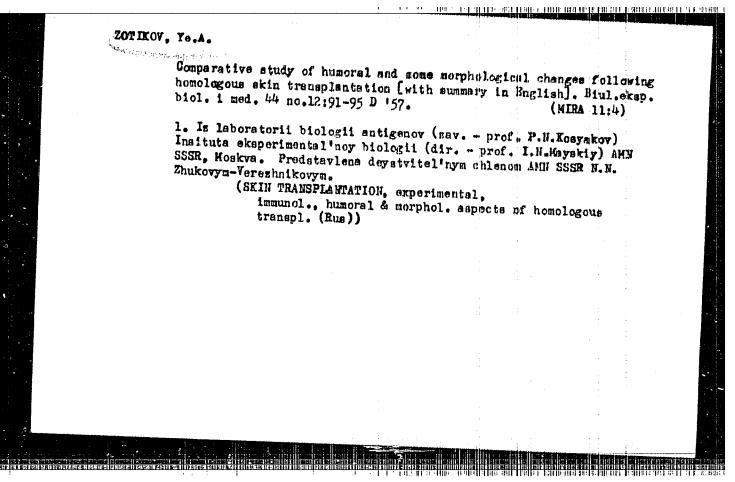
ZOTIKOV, Ye. A., Cand of Med Sci -- (diss) "On the problem of the immuno-biologic factors of tissue incompatibility." "Oscow, 1957, 10 pp (Academy of Medical Cciences USSR), 200 copies (KL, 31-57, 105)

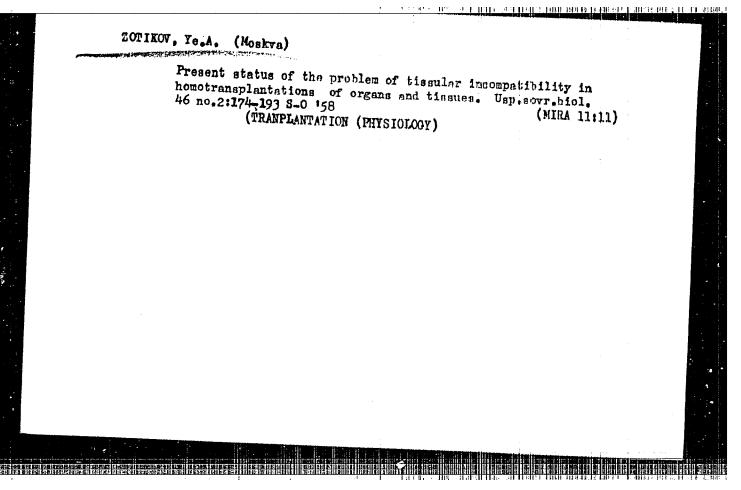
ZHUKOV-VEREZHNIKOV, N.N.; KAPICHNIKOV, M.M.; CHEPOV, P.M.; ZOTIKOV, Ye.A.

Inminological incompatability of tissue in homoplastic transplantation. Eksper.khir. 2 no.2:55-62 Mr-Ap '57.

1. Iz otdela immunologii (sav. -deystvitel'nyv chlen AHN SSSR prof.N.N.Zhukov-Verezhnikov) Instituta eksperimental'nov biologii AMN SSSR (dir. -prof.I.M.Mayskiy).

(SKIN TRANSPLANFATION homoplastic, immunol. incompatability of tissue, (Rus))





Specificity of humoral factors in transplantation immunity. Biul. eksp. biol. i med. 46 no.11:72-77 N '58. (MIRA 12:1) 1. Iz laboratorii biologii antigenov (may. - prof. P.N. Mosyakov) Instituta eksperimental'noy biologii (dir. - prof. I.N. Mayskiy AMN SSSR, Moskya. Predstavlena deystvitel'nym chlenom AMN SSSR N.H. (SKIN TRANSPLANTATION, immunol. hemagglut. reactions in rabbits (Rus)) (GUJTINATION, in skin transpl. recipient rabbits (Rus))

ZOTIKOV, Ye.A.

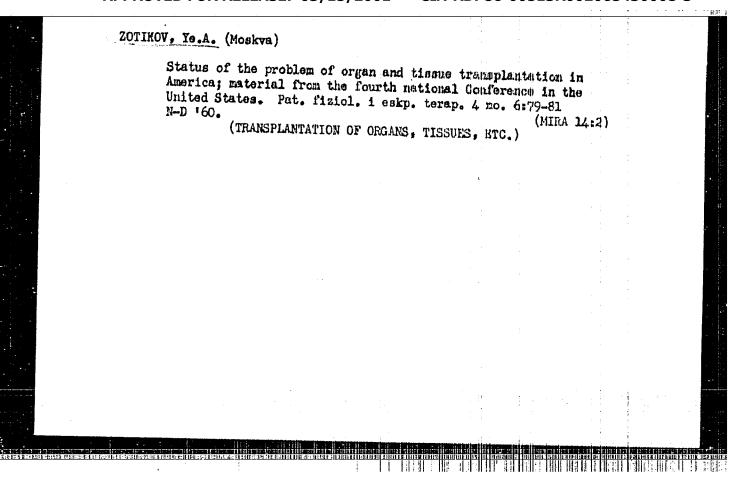
Significance of the size of a skin homograft for its survival time. Biul. eksp. biol. med. 47 no.2:119-121 F 159. (MIRA 12:4)

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1. Iz laboratorii biologii antigenov (zav. - kand. med. nauk M.M. Kapichnikov) Institute eksperimental'noy biologii (dir. - prof. I.N. Mayskiy) AMN SSS, Moskva. Predstavlena depstvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

(SKIN, TRANSPLANTATION, eff. of size of homograft on survival time (Rus))

Some methodical characteristics of homologous skin transplantation in small laboratory animals. Biul.eksp.biol. 1 med. 48 no.9:132-134 (MIRA 13:1) 1. Iz laboratorii biologii antigonov (zaveduyushchiy - kaml. med. nauk M.M. Kapichnikov) Instituta ekspreimental'nov biologii (direktor - ANN SSSR N.N.Zhukovym-Vershnikovym. ANN SSSR N.N.Zhukovym-Vershnikovym. (SKIN TRANSPLANTATION exper.)



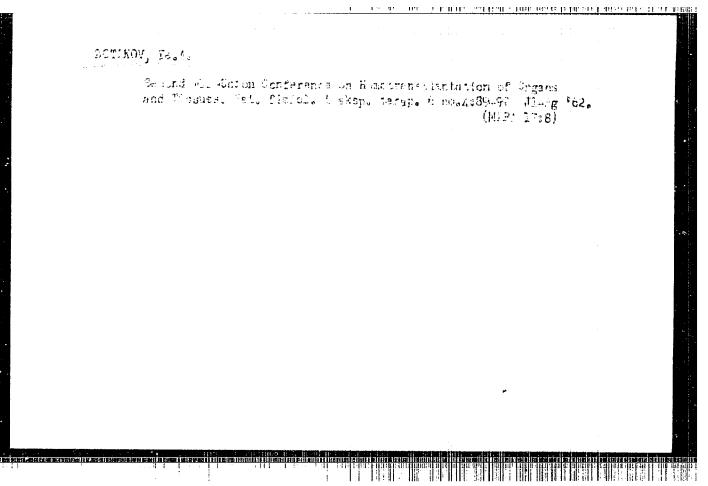
ZOTIKOV, Ye.A.: UGOLEV, A.M.

Changes in the antigenic type properties of human erythrocytes due to the effect of some proteolytic enzymes. Biul. eksp. biol. i med. 52 no.12:69-71 D '61. (EIMA 14:12)

and the control of th

1. Iz laboratorii biologii antigenov (zav. - kand.med.nauk M.M. Kapichnikov) Instituta eksperimental'noy biologii (dir. - prof. I.N. Mayskiy) AMN SSSR i laboratorii obshchey fiziologii (zav. - akademik V.N.Chernigovskiy) Instituta normal'noy i patologiahusekoy fiziologii (dir. - deystvitel'nyy ohlen AMN SSSR V.V.Farin) AMN SSSR, Moskva. Predstavlena deystvitel'nym ohlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

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DULITSIN, M.S., prof.; ZOTIKOV, YB.A.; URINSON, R.M.; UMMOVA, M.A.; FAYNSHTEYN, F.E.; SUKYASYAN, G.V.; YARUSTOVSKAYA, L.E.

Immunological studies in homoplastic transfusions of newly prepared bone marrow. Probl. gemat. i. perel. krovi 8 no.12:13-17 D *63. (MIRA 17:9)

1. Iz gematologicheskov kliniki (zav. prof. M.S. Bul'tsin) i serologicheskov laboratorii (zav. Ye.A. Zotikov) Tientral'nogo instituta gematologii i perelivaniya krovi (dir. dotsent A.Ye. Kiselev) Ministerstva zdravookhraneniya SSSk.

Discovery of fixed antibodies on the cells of skin honografts. Pat. fiziel. 1 eksp. terap. 8 no.6:52-55 N=0 164.								
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ZOTIKOV, YO.A.; MANISHKINA, R.P.; FAYNSETEYN, F.E.; URINSON, R.M.; PORESHINA, L.P.

Some aspects of the study of antileukocyte antibodies. Probl. genat. 1 perel. krovi 9 no.7:3-9 Jl 164.

(MIRA 18:3)

ा १८ करे हैं। सम्बद्ध र प्राप्तानिक किया की शाक्षित सिक्षा कार की निर्मात करें ने अवस्था अस्त करें के सह साथ अस

1. TSentral'nyy ordena Lenina institut gematologii i perelivaniya krovi (dir. - dotsent A.Ye. Fiselev), Moskva.

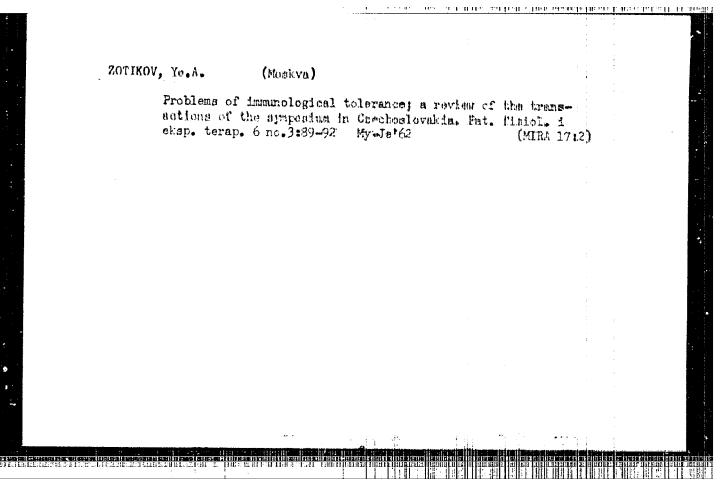
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ZOTIKOV, Yo.A., kand. med. nauk; URINSON, H.M.

Changes in the antigenic properties of exhimogenic under the effect of some chemical agents. Minl. eksp. biol. 1 med. 60 no.7:83-88 Jl '65. (MTFA 18:8)

1. Labora riya immunogemstelogii (zav. - kand. med. nank Ye.k. Zotikov) TSentral nogo ordena Leuina instituta gematelogii il perelivaniya krovi (direktor - dotsent A.Ye. Kiselev), Ecskva.



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ECGCYAVILINGKAYA, M.P.; ZOTIKOW, Maste; ILYUKHIN, A.V.; FORTKUTI, G.I.; ZIMEYUKOYA, L.I.; GREWICH, I.R.

Mechanism of therapeutic action of bone marrow team Tusion in the treatment of radiation sickness. Med. red. 2 m.6:69-68 Je 163. (Mild. 17:6)

1. Iz radiobiologicheskoy laboratorii (zav. - prof. M.O. Raushenbakh) i perologicheskoy laboratorii (zav. - kand. med. nedk Yo.A. Zotikov) TSentral'nogo ordena konina instituta gematologii i pereliveniya krovi.

ZOTIKOV, Ye. A.; POROSHINA, L. P.; MANYSHKINA, R. P.; URINSON, R. M.

"Bound antibodies of skin homografts."

report submitted for 10th Cong, Intl Soc of Blood Transfusion, Stockholm, 3-8 Sep 64.

Inst of Blood Transfusion & Hematology, Moscow.

ZOTIKOV, Ye.A.; URINSON, R.M.; PORESHINA. L.F. (Moskva)

Sensitive method for detecting weak antibodies. Pat. fiziol.

i eksp. terap. no.4:71-72 J1-Ag '63. (MIRA 17:9)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i
perelivaniya krovi (dir.- dotsent A.Ye. Kiselev).

ROZENTSVEYC, P.E.; ZOTIKOV, Yu.M.

New apparatus and devices for drugstore practice. Apt. delo 11 no.6:52-59 N-D*62 (MIRA 17:7)

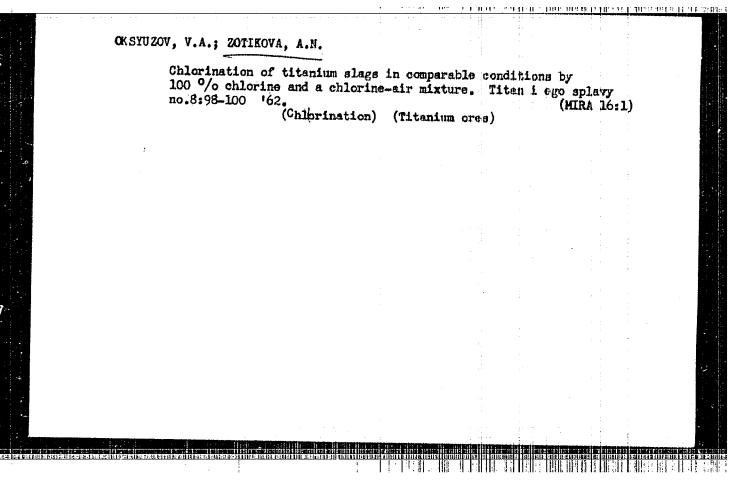
1. Leningradskiy khimiko-farmatsevticheskiy institut.

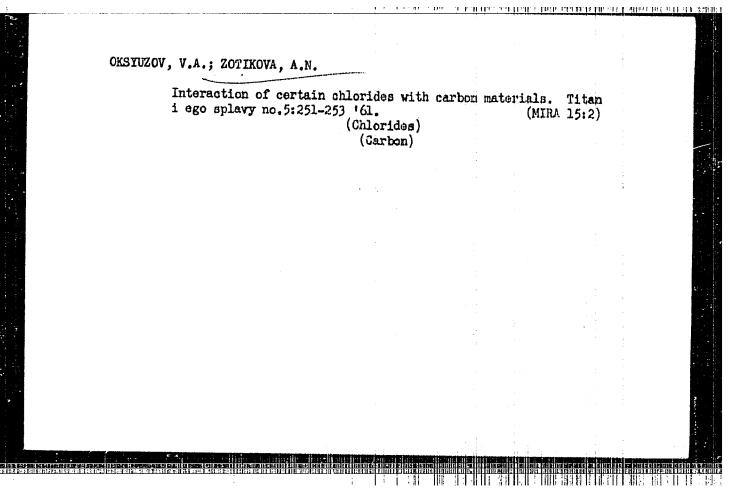
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ZOTIKOV, Yu.M.; ROZENTSVEYG, P.E.; RODIONOV, P.T.

Universal pharmaceutical apparatus, UAA-1. Apt. delo 12 no.4:53-58 J1-Ag '63. (MIRA 17:2)

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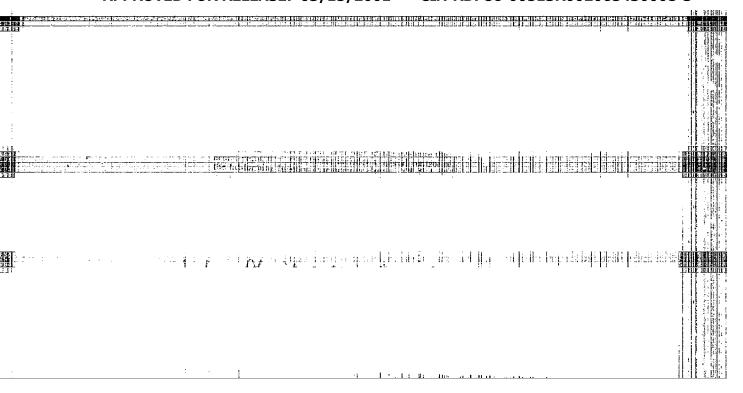




ZOTIKOVA, I. N.

"Neuroregulation of Motor Function of the Breast; Storage and Outget of Milk." (pp. 423-39) by Baryshnikov, I. A., Zaks, M. G., Zotikova, I. N., Lovitskaya, E. S., Favlov, G. N., Pavlov, E. F., Tverskoi, G. B., Tokbukhin, V. I., and Tsakhaov, G. 1.

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. 12, No.6, (Nov-Dec) 1951



Influence of the nervous system on the secretism and flow of milk in white mice. Trudy Inst.fiziol. 4:63-67 '55" (MIRA 9:4)

1. Laboratoriya fiziologii sel'skokhesyaystvennykh zhivotnykh. Zaveduyushchiy I.A. Baryshnikov.
(Lactation) (Hormones) (Mervous system)

ZOTIKOVA, I.N.; SHENGER, I.F.

Evidence of separate antidiuretic and vasopressor effects of posterior pituitary hormones. Fizicl.zhur.SSSN 45 no.7:820-825 Jl 159.

(MIRA 13:4)

The control of the property of

1. From the laboratory of trophic innervation, I.F. Favlov Institute of Physiology, Leningrad.

(PITUITARY GLAND, POSTERIOR hormones)

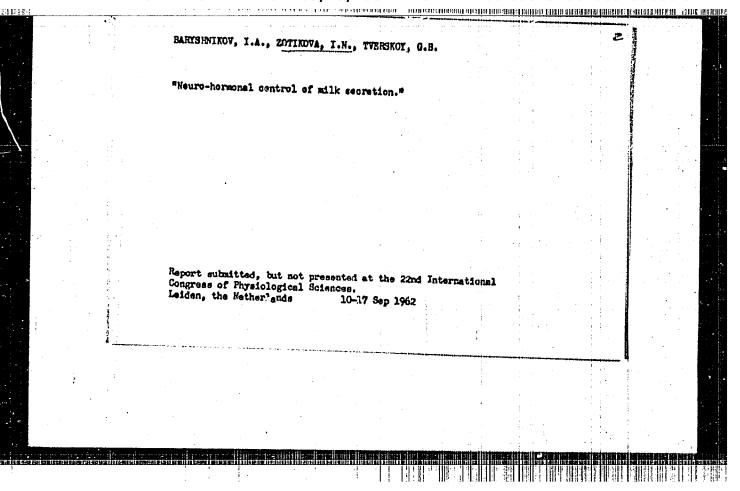
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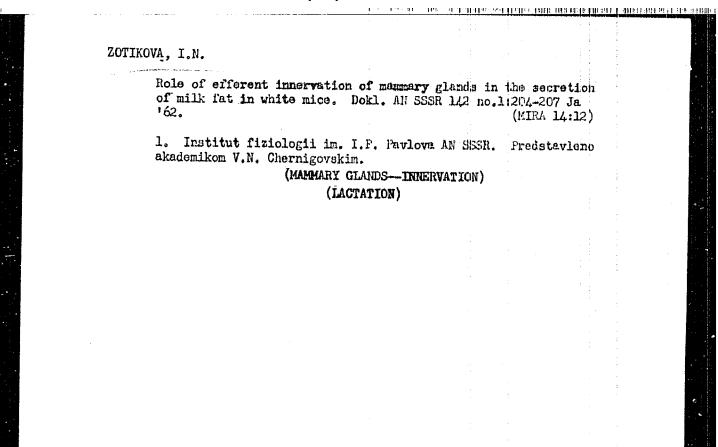
ZOTIKOVA, I.N.; MIKHEYEV, P.V.; ROGAL', I.G.

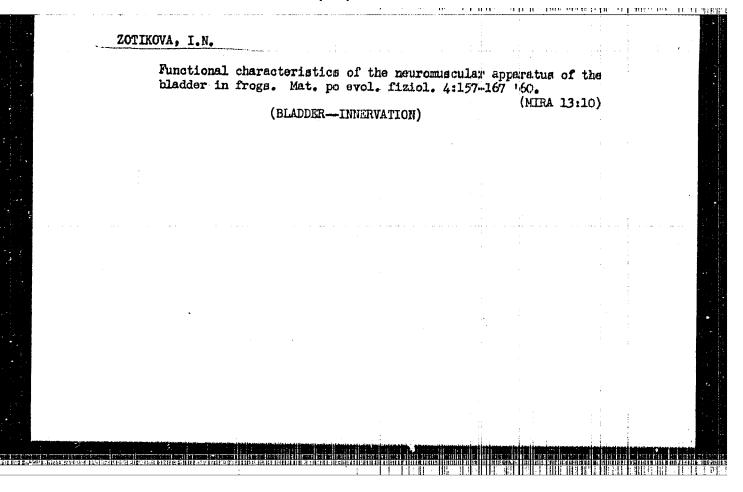
Role of efferent innerwation in the activity of the mammary gland. Fiziol. shur. 51 no.10:1250-1255 0. 65.

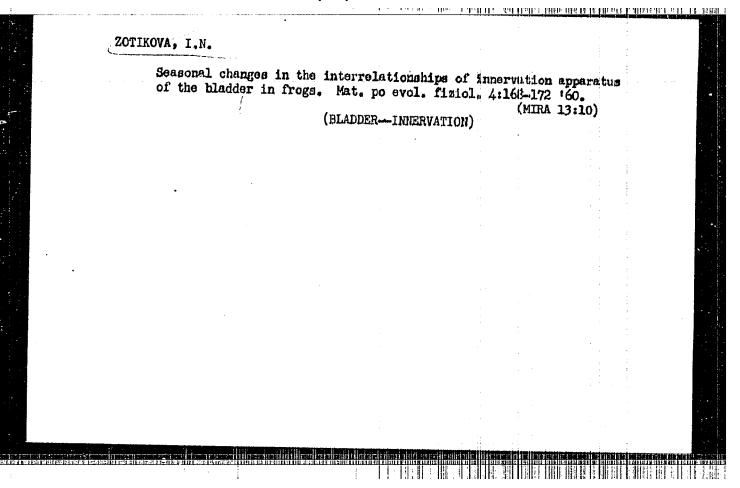
(MIRA 18:12)

1. Institut fiziologii imeni I.P. Pavlova AN SSSR, Leningrad. Submitted May 6, 1964.









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	Determination of tellurium in steel by photometric methods. Zhur.anal.khim. 17 no.1:80-83 Ja-F					trimetric HIRA 15:2))	
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SHAPIRO, I.I.: ZOTIKOVA, M.V., inzh.; KHROMOV, Yu.N., inzh.; TURCHANINOV,

A.A., red.; SOKOLOVA, T.F., tekhn.red.

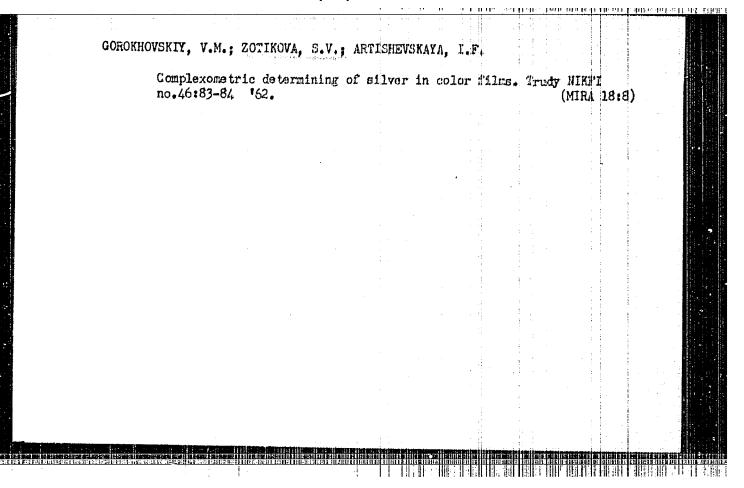
[Time norms for drop forging operations; rade, large-lot, end lot production in forges for general machinery manufacture] Obshchamashinostroitel'nys normativy vremeni na goriachniu shtampovku;

massovoc krupnoseriinoe i seriinoe proizvodstvo. Moskva, Gos.

nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 85 p.

1.Moscov. Neuchno-issledovetel'skiy institut truda. TSentrel'noe byuro promyshlennykh normativov po trudu. 2. Zaveduyushchiy otdelom mashinostroyeniya TSentrel'nogo byuro promyshlennykh normativov po trudu (for Shapiro).

(Forging--Production stendards)



USSR/Chemistry - Organic Sulfur Com- Sep 52 "Allyl Rearrangements. XVIII. The Reactions Between Methoxychloropentenes and Salts of Xanthogenic Acid," A. N. Pudovik, S. V. Zoti-kovs, Keran' State U imeni V. I. U.'yanov-Lenin "Zhur Öbshch Khin" Vol 22, No 9, pp 1559-1562 Reactions between isomeric methoxychloropente- name and sodium ethyl- and butylxanthogenates ins rivided. 1-methoxy-7-enitoropentenes; re- acts with sodium ethyl- and butylxanthogenate in a normal manner under formation of genic exids, resp. As a result of the sction of phane forms. The reaction proceeds under a complete shlyl convengement. A mechanism for the formation of dimethoxypentenyl thiophene is proposed. 232723	

ZOTIKOVA, V.L., kand. med. nauk

Invalidism after fractures of the femur. Ortop., travm.
i protez. 24 no.3:35-39 Mr '63. (MIRA 17:2)

1. Iz Dnepropetrovekogo instituta vosstanovleniya i ekspertizy trudesposobnosti invalidov. Adres avtrami Dnepropetrovek, Sovetskiy per., d. 1-a, Dnepropetrovekiy institut vosstanov-leniya i ekspertizy trudesposobnosti invalidov.

leniya i ekspertizy trudesposobnosti invalidov.

SHUKSTAL', Ya.V., kand.ekon.nauk; ZOTIKOVA, V.I. kand.ekon.nauk;

VERKHOVSKIY, I.A. kand.ekon.nauk; TARARHONSKIY, B.M., kand.

ekon.nauk; SHUL'GA, A.M., assistent; KHACHATUROV, T.S., otv.

red.; SHENKMAN, B.I., red.izd-va; NOVICHKOVA, N.D., tekhn.red.

[Transportation costs in the national economy of the U.S.S.R.]

Transportnye izderzhki v narodnom khosiaistve SSER. Hoskva,

Izd-vo Akad.nauk SSSR, 1959. 127 p. (HIRA 12:11)

1. Chlen-korrespondent AN SSSR; direktor Instituta kompleksnykh

transportnykh problem Akademii Nauk SSSR (for Khachaturov).

(Transportation--Cost of operation)

SHUKSTAL', Ya.V., kand. ekonom. nauk; VERKHOVSKIY, T.A., kand. ekonom. nauk; FCMIN, V.M., kand. ekonom. nauk; MEZEMEV, N.I., inzh.; DMITRIYEV, V.I., kand. ekonom. nauk; PADMIA, V.A., inzh.; Prinimali uchastiye: ZOTIKOVA, V.I., kand. ekonom. nauk; YELISEYEVA, T.V., inzh.; KUBLITSKAYA, V.Kh., inzh.; KUDRYAVTSEVA, T.N., inzh.; MEZEMEV, N.I., inzh.; TIKHONCHUK, M.K., inzh.; FEDOSOVA, V.N., tekhnik; DOESHITS, M.L., red. izd-va; TIKHOMIROVA, S.G., tekhn. red.; LAUT, V.G., tekhn. red.

[Scope of the use of railroads and motorvehicles for short-distance freight haulage] Sfery primeneniia zheleznodorozhnogo i avtomobil'nogo transporta pri perevozke gruzov na korotkie rasstoianiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 197 p.

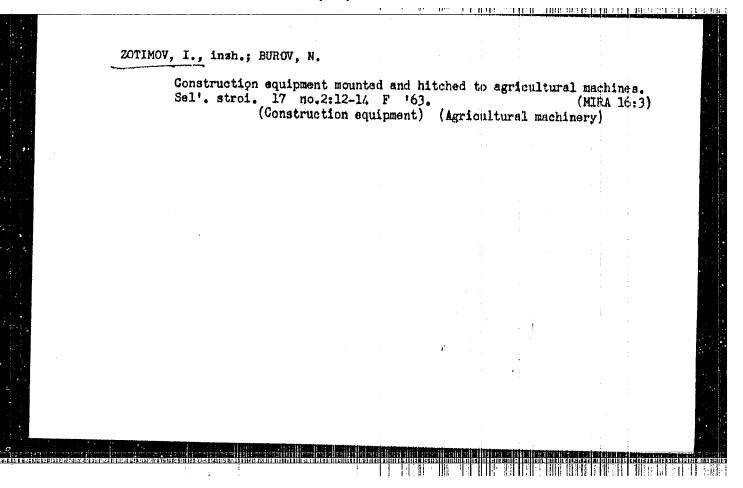
(MIRA 15:2)

1. Akademiya nauk SSSR. Institut kompleksnykh transportnykh problem.

(Transportation, Automotive) (Railroads---Breight)

MAYSKIY, I.N., prof.; ZOTIKOVA, Ye.A.

Conference of the Czechoslovak Academy of Science on organ and tissue transplantation. Vest.AMN. SSSR 13 no.3:60-62 '48. (MIRA 11:4) (TRANSPLANTATION OF ORGANS, TISSUES, NTC.)



S/169/63/000/001/023/062 D218/D307

AUTHORS:

Dimaksyan, A.M., Zotimov, N.V. and Zykov, N.A.

TITLE:

Measurement of rainfall intensity by the radar

method

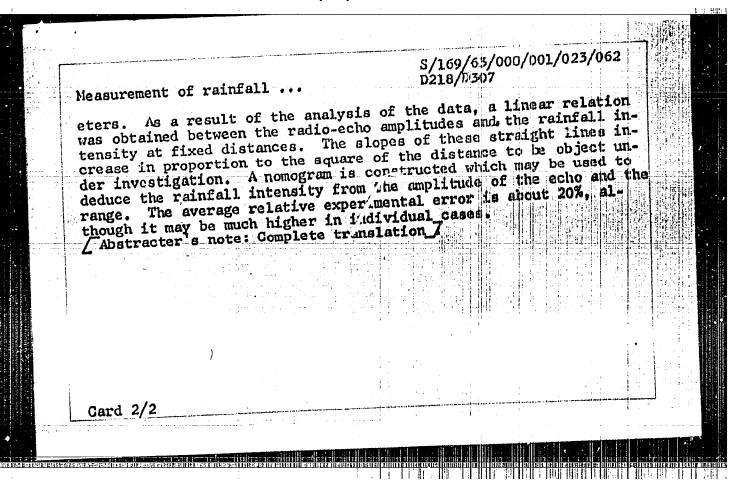
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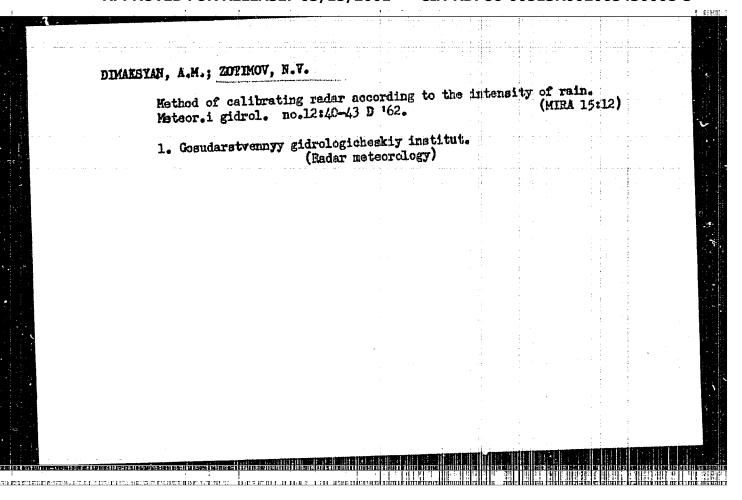
Referativnyy zhurnal, Geofizika, no. 1, 1963, 24, abstract 18147 (Tr. Gos. gidrolog. in-ta, 1962,

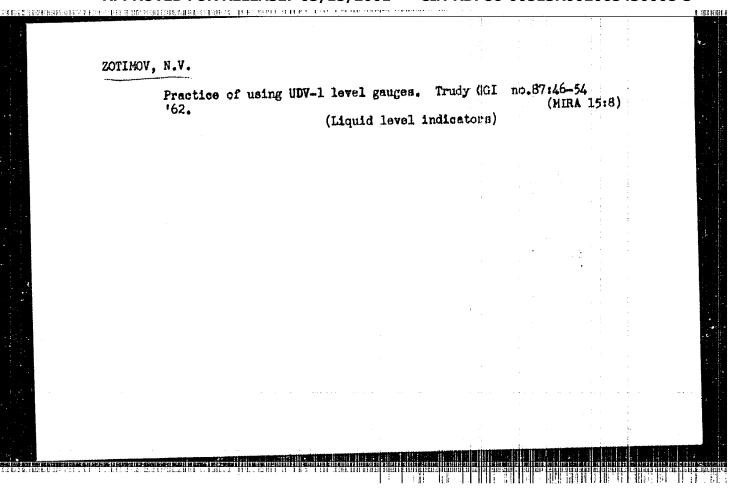
no. 87, 3-26)

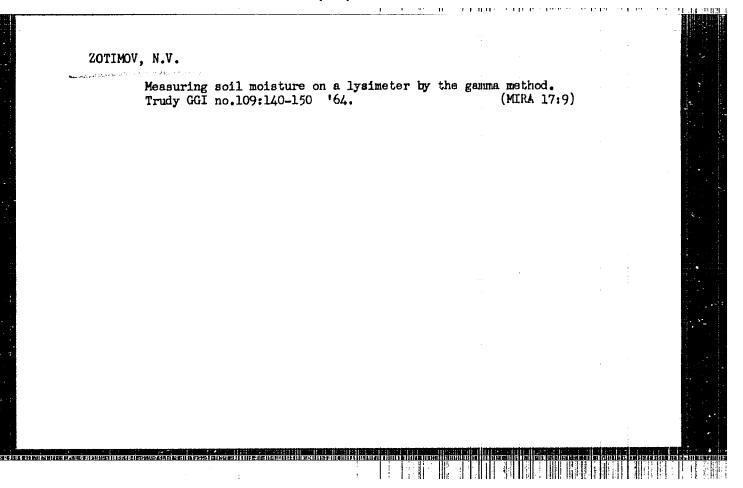
TEXT: A comparison is given of radar and ombrometer data on rainfall intensity over a territory of 10,000 km². The average area covered by each of the rainfall measuring points lay between 31 and 97 km². The properties of the underlying surface were such that the variability in the rainfall intensity over the territory was 20%. Nonuniformity in the distribution of the rainfall intensity over the area was such that the radar and ombrometer data could not be reliably compared without sufficient averaging. Hence the radar station was calibrated using rainfall intensity data which were averaged over 5-70 minute intervals and over groups of ombrom-

Card 1/2









This through a thing of that the continuous more continuous and a continuous continuous and continuous and continuous con GOLUBIN, V.S.; ZOTHYOV, N.V.; WYEST, N.A. Some results of studies of liquid precipitation in the region of the Valday Hills. Trudy GGI no.123:5-14 165. (OI: P. ANIM)

EWT(1)/FCC 36066-66 UR/3186/65/000/130/0122/0181 SOURCE CODE: ACC NR: AT6017534 AUTHOR: Dimaksyan, A. M. (Candidate of technical sciences); Zotimov, N. V. 13+ ORG: none * TITLE: Work results of liquid precipitation measurements based on radar SOURCE: Leningrad. Gosudarstvenn ry gidrologicheskiy institut. Trudy, no. 130, 1965. Primeneniye avtomatiki, radioelektroniki i yadernykh izlucheniy pri gidrologicheskikh issledovaniyakh (Application of automation, radio electronics and nuclear radiation in hydrological studies), 122-131 TOPIC TAGS: meteorologic radar, radar calibration, radar transmitter, radar receiver ABSTRACT: The possible use of radar in measuring total amount and intensity of liquid precipitation Vis discussed. The correlation between the magnitude of the radar echo signal and the intensity of precipitation is established. Using a differential calibration method, a radar installation can measure rain intensity for any season of the year. This calibration is applicable to any kind of radar station. It is concluded that in order to record precipitation during any period of the year (for a 100 km radius) it is necessary to have radar transmitters and receivers with a sensitivity 20 times greater than the existing models. The combined use of smplitude analyzers and computers is recommended. Orig. art. has: 6 figures. ONH REF: 001 ORIG REF: 006/ SUBM DATE: none/ SUB CODE: 04.17/ AMP **Card 1/1**

ORG: none TITLE: Surface measurement of water supply in snow based on the earth's radioactivity SOURCE: Leningrad. Gosudarstvennyy gidrologicheskiy institut. Trudy, no. 130, 1965. Primeneniye avtomatiki, radioelektroniki i yadernykh izlucheniy pri gidrologicheskikh issledovaniyakh (Application of automation, radioelectronics and nuclear radiation in hydrological studies), 148-162 TOPIC TAGS: gas discharge counter, radioactivity measurement, snow / STS-6 gas discharge counter ABSTRACT: Problems connected with using the earth's natural radioactivity as a basis for measuring water content in snow are discussed. The effects of soil moisture, precipitation, and soil cultivation on the accuracy of these measurements are discussed. The STS-6 gas discharge counter, constructed for the detection of gamma rays, is described. This counter has good mechanical stability, long life, reliable performance and requires relatively small power supply. Experiments show that the effective rate of measurement is directly proportional to the number of counters connected in parallel. Orig. art. has: 7 figures, 8 formulas, 4 tables. SUB CODE: 20,14/ SUBM DATE: none/ ORIG REF: OLI/ OTH REF: 002 Cord 1/1	46327-66 ETT(1)/ETT(m) ACC NR: AT6017535	GD/GW (A)	SOURCE CODE:	UR/3186/65/0	00/130/0148/0162
SOURCE: Leningrad. Gosudarstvennyy gidrologicheskiy institut. Trudy, no. 130, 1965. Primeneniye avtomatiki, radioelektroniki i yadernykh izlucheniy pri gidrologicheskikh issledovaniyakh (Application of automation, radioelectronics and nuclear radiation in hydrological studies), 148-162 TOPIC TAGS: gas discharge counter, radioactivity measurement, snow / STS-6 gas discharge counter ABSTRACT: Problems connected with using the earth's natural radioactivity as a basis for measuring water content in snow are discussed. The effects of soil moisture, precipitation, and soil cultivation on the accuracy of these measurements are discussed. The STS-6 gas discharge counter, constructed for the detection of gamma rays, is described. This counter has good mechanical stability, long life, reliable performance and requires relatively small power supply. Experiments show that the effective rate of measurement is directly proportional to the number of counters connected in parallol. Orig. art. has: 7 figures, 8 formulas, 4 tables. SUB CODE: 20,14/ SUBM DATE: none/ ORIG REF: Oli/ OTH REF: 002	AUTHOR: Zotimov, N. V.		•		E+1
Primeneniye avtomatiki, radioelektroniki i yadernykh izlucheniy pri gidrologicheskikh issledovaniyakh (Application of automation, radioelectronics and nuclear radiation in hydrological studies), 148-162 TOPIC TAGS: gas discharge counter, radioactivity measurement, snow / STS-6 gas discharge counter ABSTRACT: Problems connected with using the earth's natural radioactivity as a basis for measuring water content in snow are discussed. The effects of soil moisture, precipitation, and soil cultivation on the accuracy of these measurements are discussed. The STS-6 gas discharge counter, constructed for the detection of gamma rays, is described. This counter has good mechanical stability, long life, reliable performance and requires relatively small power supply. Experiments show that the effective rate of measurement is directly proportional to the number of counters connected in parallel. Orig. art. has: 7 figures, 8 formulas, 4 tables. SUB CODE: 20,14/ SUBM DATE: none/ ORIG REF: Oll/ OTH REF: 002					
Primeneniye avtomatiki, radioelektroniki i yadernykh issledovaniyakh (Application of automation, radioelectronics and nuclear radiation in hydrological studies), 148-162 TOPIC TAGS: gas discharge counter, radioactivity measurement, snow / STS-6 gas discharge counter ABSTRACT: Problems connected with using the earth's natural radioactivity as a basis for measuring water content in snow are discussed. The effects of soil moisture, precipitation, and soil cultivation on the accuracy of these measurements are discussed. The STS-6 gas discharge counter, constructed for the detection of gamma rays, is described. This counter has good mechanical stability, long life, reliable performance and requires relatively small power supply. Experiments show that the effective rate of measurement is directly proportional to the number of counters connected in parallel. Orig. art. has: 7 figures, 8 formulas, 4 tables. SUB CODE: 20,14/ SUBM DATE: none/ ORIG REF: OLL/ OTH REF: 002					
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ZOTIN, A. I.

"The Composition, Properties, and Significance of the Egg Membranes of Sturgeon and Salmon Embryos." Cand Biol Sci., Inst of Animal Morphology, Moscow, 1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Deflexed at USSR Higher Educational Institutions (11)

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ZOTIN, A.I.

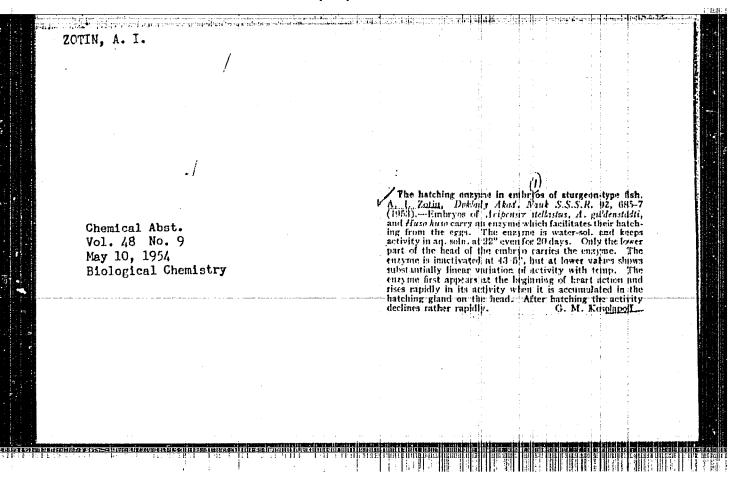
Requirements of water from external sources by sturgeon roe. Doklady Akad. nauk SSSR 89 no. 2:377-380 11 Mar 1953. (CIML 24:1)

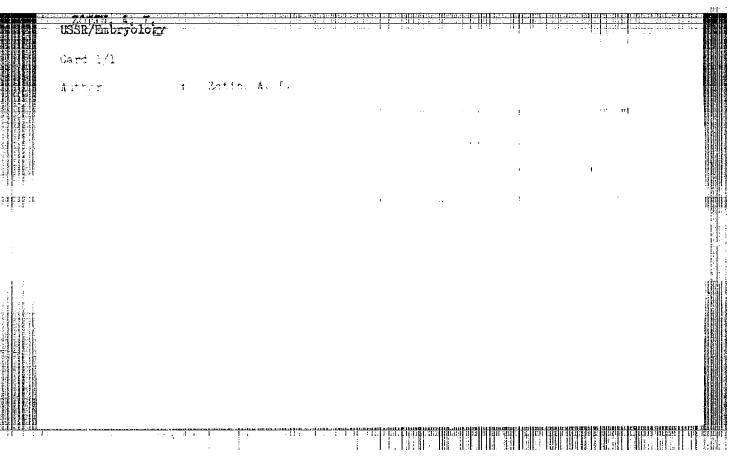
1. Presented by Academician Ye. H. Pavlovskiy 20 January 1953. 2. Institute of Animal Morphology imeni A. H. Severtsov of the Academy of Sciences USSR.

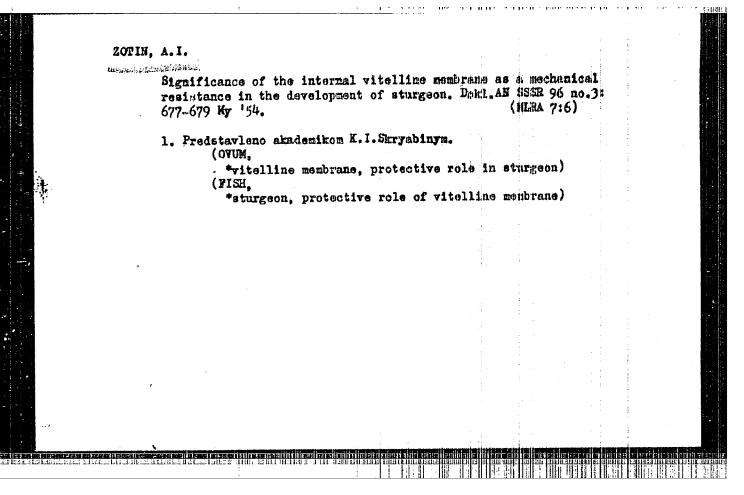
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ZOTIN, A. I.					
Salmon					
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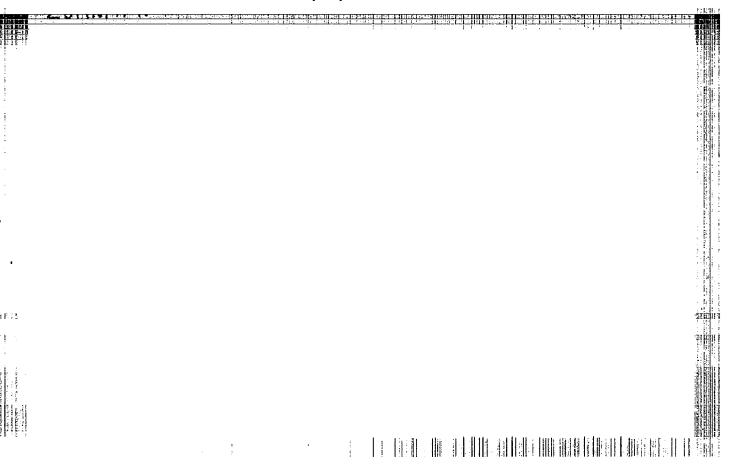
ZOTIN. A.I.; PAVLOVSKIY, Ye.H., akademik. Resistance modifications in the embryonic roe membranes of sturgeon-like fishes during spawning. Dokl.AN SSSR 92 no.2:443...446 S '53. (MEMA 6:9) 1. Akademiya nauk SSSR (for Pavlovskiy). 2. Institut morfologii shivotnykh im. A.N.Severtsova Akademii nauk SSSR (for Motin). (Sturgeons) (Imbryology--Fishes)







ZOTIN, A.I.					
Absorption of water from the esturgeon eggs. Vop.1kht.no.418	environment by devise-104 155.	781 0pi	ng malmo (NLIN)	n and 6)	
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ZOTIN, A.I.; ZOTINA, R.S.

Works of IAroslav Ivanovich Grdina on the theoretical mechanics of living organisms. Biofizika 1 no.5;480-492 156. (MIRA 9:10) (GEDINA, IAROSLAV IVANOVICH, 1871-1931)

ZOTINA, R.S.; ZOTIN, A.I. (Moskva).

MOTON POT

Mathematical theories of the movement of living organisms. Usp. sovr. biol. 44 no.3:285-299 H-D '57. (MIRA 11:1) (ANIKAL MECHANICS) (BIOKATHEMARICS)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002065430008-3"

20-	5-	53/	154

AUTHOR:

Zotin, A.I.

TITLE:

The Water Absorbed by the Surrougling Medium and the Formation of Cavities in Embryos of Acipenser Stellatus (Potrebleniye vody iz okruzhayushchey sredy i obrazovaniye

polostey zarodyshey sevryugi)

PERIODICAL:

Doklady Akademii Nauk SSSR, 1957, Vol. 115, Nr 5, pp. 1040-1043

(USSR)

ABSTRACT:

In the embryonal development of sturgeons 5 periods of a water "turnover" were found to take place in the ova. They are characterized by a similar velocity of water supply from the outside in the course of the entire period and by a quick change of velocity of water supply into the ovun when passing from one period to another. It is a known fact that during embryonal development several cavities are formed in the body. It was, of course, to be assumed that the water taken up by the ovum is used up for the forming of liquids in these cavities and that the periods of water supply into the ovum are connected with the dynamics of the formation and disappearance of embryonal cavities. By means of Edinger's apparatus the contous

Card 1/3

The Water Absorbed by the Surrounding Medium and the Formation of Cavities in Embryos of Acipenser Stellatus

to decrease, at about the 27th stage of this period the primitive kidney ducts reach the intestinal intususception into which they lead. Thus the primitive kidney ducts are connected with the outside. It may be assumed that the primitive kidneys now begin to function and that the abrupt shrinking of the volume of the intestinal cavity is connected with the setting in of this function. Apparently the water is pumped by the primitive kidneys from the intestinal lumen mainly into the perivitelline space. There are 3 figures and 4 Slavic referen-

ASSOCIATION:

Institute for Animal Morphology imeni A.N. Severtsov, AN USSR (Institut morfologii zhivotnykh im.A.N.Severtsova Akademii nauk

PRESENTED:

by I.I. Shmal'gauzen, Academician, Peb. 20, 1957

SUBMITTED:

February 12, 1957

AVAILABLE:

Library of Congress

Card 3/3

AUTHOR:

Zotin, A. I.

SOV/20-121-5-49/50

TITLE:

The Rate of Water Renewal in the Embryos of Acipenser Gulden-staedti Colchicus v. Marti (In the text referred to is A.G.C. v.M.) (Skorost' obnovleniya vody u zarodyshey osetra (Acipenser gueldenstaedti colchicus v. Marti))

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 5, pp. 948-951 (USSR)

ABSTRACT:

The embryos of the A.C.C.v.M. (Refs. 4, 8), of the river lampray (Ref 9), and of amphibia (Refs 10-12) use water from the outer medium during the whole period of their development; with Teleostae this is the case only during the first hoars of their development (Refs 1-7). For the purpose of elucidation of the rate of the penetration of the water into the embryo of the A.G.C.v.M. at different states of development and of the factors, which influence this process, the author carried out experiments in Rogozhkino (Don) with marked water (D₂O). Before the test two of the three membranes of the eggs of the A.G.C.v.M. were removed. The concentration of the D₂O was determined

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by means of the method of falling drops. Figure 1 shows the

The Rate of Water Renewal in the Embryos of Acipenser Guldenstaedti Coldicus v. Marti (In the text referred to as A.G.C.v.M.)

apparatus which served hereby. From figure 2 can be seen that the eggs of the A.G.C.v.M, placed in a 4.5 per cent D_O-solution, cause a rapid dilution of the latter, which comes to an end after 50 - 60 minutes. The same figure shows data on the rate of diffusion of D20 in dead embryos (killed by heat). It is greater than that of living embryos. From further experiments on the influence of temperature and of ferment toxins the author concludes that the water renewal of the embryos of the A.G.C.v.M. is an active process and connected with some chemical processes in the embryo (Fig 3. The results with ferment toxins were even clearer: 7.10⁻³ M of 2,4-dimitrophenol, further with NaF and NaN3. Figure 4 shows that the rate of penetration of the water into the embryos decreases rapidly if they are put into the solution of these substances. Supported by these data it is conceivable that the water absorption and -renewal by the embryos of the A.G.C.v.M. is connected with glycolysis and the oxydative phosphorylation. There are 4 figures and 17 references, 8 of which are Soviet.

Card 2 /3

The Rate of Water Renewal in the Embryos of Acipenser Guldenstsedti Coldicus v. Marti (In the text referred to as A.G.C.v.K.) 807/20-121-5-49/50

ASSOCIATION: Institut morfologii zhivotnykh im. A. N. Severtsovn, Akademii nauk SSSR (Institute for Zoomorphology imeni A. N. Severtscy,

PRESENTED:

April 24, 1958, by V. A. Engel'gard, Member, Academy of

SUBMITTED:

April 21, 1958

Card 3/3

AUTHOR:

Zotin, A.I.

50V/20-121-6-44/45

The Membrane Hardening Enzyme of Salmon Eggs (Ferment zetverdeveniya obolochek u ysits lososavykh ryb)

PERIODICAL:

Doklady Akademii nauk SESR, 1958, Vol. 121, Nr 6, pp 1105-1108 (USSR)

ABSTRACT:

In connection with the investigation of eggs of various fishes and sea urchins (Refs 1-6) it was found that the egg secretes after fertilization or after activation certain substances which bring about the hardening and solidification of the egg membranes. In the perivitelline liquid of the just fertilized eggs of selmons a substance is contained which leads to a hardening of the membrane in the case of not activated eggs. The tests were carried out with embryos of sea salmon (Salmo salar m. sebato Girera) end trout (S. trutha m. lacustris b.) in the years 1956 and 1957 in the Svirskiy rubovodayy zavod (Svirskiy Fish Breeding Institute. As it is known (Refs 7-11) water, salts and highly dispersed colloids may permeete the membranes of salmons but not low dispersed colloids. Thus the mentioned substance is en unstable compound of high molecular weight. It is repidly inactivated by high temperatures. Therefore it could be believed

Cerd 1/3

The Membrene Hardening Enzyme of Selmon Eggs

507/20-121-6-44/45

to be an enzyme. Even when it is still in the cytoplasm of the egg it may be inactivated. From the surface layer of the egg of osseans particular substances are exchated which take part in the formation of the perivitelline space (Refs 12-17). In the cortical layer of the cytoplesm of unfertilized eggs these substances are represented by vecuoles which disappear after fertilization or activation (Refs 18-21). In order to find out whether the hardening enzyme is contrined in the cortical plveoli or not the author carried out a series of investigations with different NeCl concentrations. In the tests, the results of which shows table 2, it was proved that the hardening enzyme is lacking in the case of salmons among the substances which take pert in the formation of the perivitelline space and probably also in the vacuoles of the inactivated eggs. From curve 3, figure 3) it may be seen that the hardening of the membranes in the embryos of selmons cannot take place without the participation of the hardening enzyme in this process. There are 3 figures, 2 tables, and 21 references, 6 of which are Soviet.

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